



THE

GULL

Golden Gate Audubon Society

Berkeley, California

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ENVIRONMENT UNDER FIRE

In a switch from the usual pretty pictures of birds and the diverting travelogues to exotic lands, GGAS will present a more controversial program for our March 10 meeting, to be held at the Josephine Randall Jr. Museum in San Francisco (see map on page 45). Also, instead of the usual slide format, this time we will be featuring two videotapes, which will be projected upon a 100 inch screen, followed by a question and answer session. The tapes will examine the major environmental issue facing us in the late Twentieth Century: the impact of human overpopulation, with its attendant social, economic, and political complications, upon Nature.

Two organizations have seen fit to disseminate information about this impending catastrophe. Our own National Audubon Society offers a video entitled "What is the Limit?" which probes the interrelationships between human population growth, environmental degradation, resource depletion, habitat destruction, and the ethical considerations for the future. On a more specific level, the Environmental Project on Central America (EPOCA), under the auspices of Earth Island Institute, have prepared a tape called "Environment Under Fire: Ecology and Politics in Central America." Florence Gardner, EPOCA's Development Director, who also co-wrote and co-produced the video, will introduce and lead a discussion on this project. It is interesting to note that, aside from educating the public about the severe environmental problems in Central America, EPOCA has taken an active stance in working to establish a biosphere reserve that will serve as a "Peace Park" on the Nicaraguan-Costa Rican border, and in sponsoring environmental restoration brigades to Nicaragua. Come at 7:30 to our meeting for an informative and challenging evening.

TOM WHITE, Program Chairman

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RESOLUTION NO. 87-449

**RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF
MARIN COMMENDING DOROTHY REINHARDT, LANDOWNER, THE
AUDUBON CANYON RANCH, THE GOLDEN GATE AUDUBON
SOCIETY, THE BOLINAS COMMUNITY LAND TRUST, THE MARIN
COUNTY OPEN SPACE DISTRICT, THE PARKS, OPEN SPACE AND
CULTURAL SERVICES DEPARTMENT AND COUNTY REAL ESTATE
STAFF**

WHEREAS, Dorothy Reinhardt has foreseen the benefit of the preservation of her property on Kent Island in the Bolinas Lagoon and agreed to sell her property to the public; and

WHEREAS, the Audubon Canyon Ranch and the Golden Gate Audubon Society have made substantial contributions enabling the purchase of the property; and

WHEREAS, the Bolinas Community Land Trust has been instrumental in negotiating the purchase and coordinating the project; and

WHEREAS, the Marin County Open Space District and the County of Marin Real Estate staff have assisted with the financial and technical aspects of the purchase; and

WHEREAS, all parties agree that the best use of the property is as an open space nature preserve in perpetuity; and

WHEREAS, the County Park, Open Space and Cultural Services Department accepts the stewardship of this land as part of the Bolinas Lagoon Nature Preserve;

NOW, THEREFORE, BE IT RESOLVED that this Board of Supervisors, for and on behalf of the citizens of Marin County, hereby declares its deep and abiding appreciation to all of the above for their outstanding and dedicated services to the public.

PASSED AND ADOPTED at a regular meeting of the Board of Supervisors of the County of Marin, State of California, held on the 15th day of December, 1987, by the following vote:

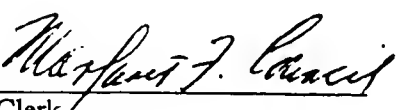
AYES: Supervisors Aramburu, Stockwell, Giacomini, Roumiguere, Brown

NOES: --

ABSENT:--


Chairman of the Board of Supervisors

ATTEST:


Clerk

FIELD TRIPS CALENDAR

Wednesday, March 11—Mini-trip to Mitchell Canyon. See February Gull for details.

Saturday, March 12—San Francisco Bird Blitz. See February Gull for details.

Saturday, March 12—Richardson Bay Wildlife Sanctuary Refuge. Meet at 9:30 a.m. at the Audubon Center at the Sanctuary, 376 Greenwood Beach Rd. in Tiburon. From Hwy 101 take the Belvedere-Tiburon exit, go east and turn right at the third traffic light: Greenwood Cove Rd. There should be several thousand birds on the water. We may be able to see courting Western Grebes. Bring lunch and a scope if you have one. We will look for waterbirds from about 9:30 to 11; following our walk we will have a slide show on waterbirds; after lunch, we will look for land birds from about 1:00 to 2:30; the Lyford House will open for touring after our walk. Leader: Meryl Sundove (388-2524).

Sunday, March 13—Tennessee Cove. This will be a two mile walk to Tennessee Cove, Golden Gate National Recreation Area, to look for land and shorebirds, including White-throated Swifts. From San Francisco take Hwy. 101 north and exit on Hwy. 1 toward Mill Valley and Stinson Beach. In about one-quarter mile turn left onto Tennessee Valley Rd. Meet at the end of the road at 9:00 a.m. Bring lunch. Leader: Betty Short (921-3020 work).

Saturday, March 19—Coyote Hills Regional Hills Regional Park and San Francisco Bay National Wildlife Refuge (SFBNWR). Meet at 9:30 a.m. at the visitors' center. From Hwy. 880 (Nimitz) go south to Dumbarton Bridge exit, turn west to Newark Blvd., turn right and continue three quarters of a

mile and follow signs to the park. During the morning we will bird at Coyote Hills. After lunch we will caravan to the SFBNWR to see the exhibits at the visitors' centre and look for birds in the adjoining area. Bring lunch, liquids and a scope if you have one. In case of rain, please contact the leader. Leader: Paul Covel (530-2513).

Sunday, March 20—Sunol Regional Park. Meet at 8:30 a.m. at the park entrance. Take I-680 south, turn off at the Calaveras Rd. (the freeway sign is marked Calaveras Rd., Dumbarton Bridge, Calif. 84), go south (left) and follow the signs to Sunol Park, about five miles. Bring lunch and liquids. park regulations prohibit alcoholic beverages. We should see Golden Eagles, a variety of winter residents and early spring migrants. This trip is also good for wildflowers. Leader: Peter Allen (892-8063).

Saturday, March 26—San Pablo and Briones Reservoirs. Meet at 9:00 a.m. at the intersection of San Pablo Dam Rd. and Bear Creek Rd. From Berkeley take Wildcat Canyon Rd. (through Tilden Park) to its end (the meeting site). We will hike about one mile along a part of Oursan Trail and then caravan to Briones Reservoir. Birding will be in grasslands, pine and oak woodlands, and streamside willows. Bring lunch, liquids, and a scope if you have one. Leaders: Sue and Bob Watson (254-4077).

Saturday/Sunday, March 26/27—Honey Lake. Call for detailed directions. Trip will be limited to 20 participants. Lodging is available in Susanville; primitive camping is also available. Be sure to bring warm clothing. We should see Sage Grouse, Bald Eagles, and other birds of the Eastern Sierra. Leader: Bob Hirt (408)-446-4478).

Sunday, March 27—Beginners' Trip to Tilden Regional Park. Meet at 9 a.m. at the Nature Center parking lot. From I-80 take University Ave. until it ends at Oxford and turn left. Take Oxford to Rose and turn right. Proceed one block and turn left at Spruce. Cross Grizzly Peak and immediately turn left downhill on Canon Dr., at the bottom of the hill.

This field trip will concentrate on identifying birds of the chaparral, woodland and grassland areas of Tilden Park, Berkeley. We will see a variety of resident and breeding species and will listen for their sounds as an aid to identification. Bring binoculars and a field guide. Rain or serious threat of rain cancels the trip. Leader: Robin Pulich (848-3594 evenings).

Saturday, April 2—Bodega Bay for spring migrants. Meet at 9 a.m. at the intersection of Hwy. 1 and East Shore Rd. (½ mile north of Diekmann's Bay Store). We will bird Bodega harbor, Bodega head and possibly Salmon Creek. Pack a bag lunch to eat at Conzett's "Tilt City" where land birds abound in the spring.

If you come up Friday, lodging is available at the Best Western Motel (707-875-3525) and The Inn at the Tides (800-541-7788). There are nice campsites at the Dunes State Park just north of our meeting place. Plan to get there early to be sure of getting a spot or call Ticketron to reserve one. Leader: Nancy Conzett (527-2593, Kensington or 707-875-2231, Bodega Bay).

Sunday, April 3—Golden Gate Park, San Francisco. We will meet at 9:30 a.m. for the traditional Easter walk around the Chain of Lakes and the other lakes in the vicinity. There is a variety of waterfowl to be seen and at least two species of hummingbirds. After the walk we will have a champagne brunch at nearby Thigg's restaurant in Lincoln

Park (\$10). Meet at 43rd Ave. and Fulton St. near North Lake (Chain of Lakes). Leader: Betty Short (921-3020, work phone).

Saturday, April 9—Beginners' Trip to Bothe-Napa State Park. This is a particularly beautiful park in the spring, with migrating warblers and vireos, Winter Wrens, wildflowers and if we are lucky, Pileated Woodpeckers. We will walk about four to five miles and will bird mostly by ear. This trip is especially good for beginners. From the East Bay take I-80 north, turn off to Napa, following Hwy. 29 to St. Helena. The entrance to the park is on your left just past the Ole Bale Mill north of St. Helena. From the West Bay, take Hwy. 101 north to Hwy. 37 near Novato, go east to the junction with Hwy. 121 (turn left at the junction) and follow 121 north and east to Napa where it joins Hwy. 29. Continue northwest to the park. Meet in the parking lot at 8:00 a.m. Bring lunch and liquids. Rain cancels trip. Please carpool if possible. Leader: Gene Hull (526-6893). \$

Saturday, April 9—Point Reyes National Seashore. Meet at the Knave of Hearts Bakery at 8 a.m. in Inverness Park, Sir Francis Drake Blvd. We will concentrate on shorebird identification at Abbott's Lagoon and Limantour Estero. Bring scopes if you have them, lunch and liquids and comfortable walking shoes. Leader: Lina Jane Prairie (549-3187)

Sunday, April 10—Vintage Birds II. Refer to details on page 41.

Wednesday, April 13—Mini-trip to Sunol Regional Park. Meet at 9 a.m. at the ranger station parking lot in the park. Take Hwy. 580 east, watch for the turnoff to Hwy. 680 near Dublin. Take Hwy. 680 south, turn off at Calaveras Rd., go left, follow the signs to Sunol Park. We may see Lark Sparrows, Golden Eagles, Northern Orioles

and resident birds of the area. Bring lunch. Rain cancels trip. Leaders: Jean-Marie Spoelman and Anna Wilcox (351-9301).

—FIELD TRIPS COMMITTEE

OBSERVATIONS

December 30 through January 25

Observers slogging through the last few Christmas Bird Counts found some interesting "out-of-season" as well as continuing birds. The saga of **Yellow Rails** in our area continued, and unusual flycatchers enlivened winter birding.

Waterbirds

The calico-plumaged Little Blue Heron/Snowy Egret at Charleston Slough, first noted in early November, was still present Dec. 30 (JBr). Single Cattle Egret sightings were numerous, and a large aggregation of nineteen was near the Monterey Bay Academy, Santa Cruz Co., Jan. 17 (DLSu). Three Trumpeter Swans—two adults and one immature—were seen in a flock of about 500 Tundra Swans along Pennington Road near the Sutter Buttes Jan. 10 (JH, *fide* BED). A blue-phase Snow Goose was found at Moss Landing Jan. 23 (MJL). The **Emperor Goose** remained at Alameda South Shore at least through Jan. 25 (mob). The Eurasian form of the Green-winged Teal at Bay Farm Island was last reported Dec. 30 (GHa). Twelve additional Eurasian Wigeons were found in the area during January, with one hybrid Eurasian/American Wigeon at Alameda South Shore Jan. 1 (DEQ). A female Tufted Duck at Belvedere Lagoon Jan. 2 (DAH) was the only Tufted Duck discovered so far this winter. The male Harlequin Duck in Bolinas Lagoon remained at least through Jan. 13 (DWm, LSi, mob), and another was found off Tomales Pt. Jan. 23 (RH). Up to eight Oldsquaws continued along the coast

from Mendocino to Monterey Cos. throughout the period (mob). At least twenty-five Barrow's Goldeneyes rested in Laney Estuary during the month (JSu), while another fourteen were found at favored coastal lakes and estuaries throughout the month (mob). Nine Hooded Mergansers enjoyed Lake Solano Jan. 16 (JR).

A **Yellow Rail**, first identified as an immature Sora, was picked up at Palo Alto Baylands Jan. 17 and banded at San Francisco Bay Bird Observatory. On Jan. 19 it was released at Palo Alto Baylands where several reliable observers were able to see and identify it as a Yellow Rail (JBr). How long until it becomes a meal for the next hungry egret?

Small groups of Lesser Golden-Plover were found: four near Pigeon Point Jan. 12 (JMS), ten at Spaletta Plateau Jan. 13 (JEP), six near Modesto Jan. 18 (HMR), and six at Lawson's Landing Jan. 25 (RH). A Mountain Plover was along Road 102 near Davis Jan. 1 (EDG). Panoche Valley had 100-150 Mountain Plovers Jan. 9 (LJP), and six were found along Sycamore Slough Rd. in Colusa Co. Jan. 12 (JEP). The Princeton Harbor Rock Sandpiper continued at the NW jetty through Jan. 24 (LJP). Another rock Sandpiper was at Bean Hollow State Beach Jan. 24 (DAH). A Little Gull was still at Stockton Sewage Ponds through Jan. 18 (JA, GFi). An immature Glaucous Gull rested at Pescadero Creek mouth Jan. 10-16 (DWm, PLN). Another immature Glaucous Gull was found outside the jetty at the Fort Baker Marina Jan. 15 (DAH). A Black-legged Kittiwake was seen off Stinson Beach Jan. 2 (DWm).

Landbirds

A Long-eared Owl visited Pine Gulch Creek mouth in Bolinas Lagoon Jan. 1-6 (*fide* PP). Several Northern Saw-

whet Owls were along Gazos Creek Jan. 16 (PLN). Fifty Vaux's Swifts flew over Hayward Regional Shoreline Jan. 19 (RJR). The **Hammond's Flycatcher** in Redwood Regional Park was still present to Jan. 19 (RJR). An **Eastern Phoebe**, found across from Gardener's Grove Resort in Modesto Jan. 18 (MLa), was still present Jan. 24 (MJL). A **Dusky-capped Flycatcher**, a fifth record for northern California, was found at the Monterey Bay Academy in Santa Cruz Co. Jan. 21 (DLSu) and remained at least through Jan. 24 (mob). The Tropical Kingbird at Lake Merced was last noted Dec. 31 (JPo).

The departure of the last Yellow-billed Magpie from the Palo Alto area was sad news. The lone bird, last seen in late November, was all that remained of a relict population, which probably survived as long as it did only because of feeding by local residents. The nearest population on the west side of Santa Clara Co. is in the Chesbro Reservoir area, about 30 miles south and east of Palo Alto. Habitat loss, the probable cause, continues at a rapid rate in southern Santa Clara Co., signalling further retractions by this and other species (PLN).

An American Dipper was along San Ramon Creek in San Ramon Jan. 7-8 (GFi), and another was found at Little Yosemite, Sunol Regional Park Jan. 25 (RJR). Three Townsend's Solitaires found the region in January: one on Mt. Tamalpais Jan. 2 (GHg), one at Mt. Diablo State Park Jan. 7 (GFi), and another at Little Yosemite, Sunol Regional Park Jan. 25 (RJR). A Sage Thrasher was discovered on Mt. Diablo during the Contra Costa CBC Jan. 2 (JM). The Lodi Bendire's Thrasher continued to be seen at least through Jan. 23 (DEQ, LPa).

An Orange-crowned Warbler was discovered at Mt. Lake Park in San

Francisco Dec. 29—too late for the S.F. CBC—(BHo). The Nashville Warbler near Pescadero was last reported Jan. 2 (JMa). Another Nashville was seen at Middle Lake in San Francisco Jan. 7 (JR). The Virginia's Warbler at Kewin Park in Modesto was last reported Jan. 17 (HMR). The Cape May Warbler at Chicken Ranch Beach, Inverness was last seen Jan. 9 (RS, *fide* DWm). A Black-throated Gray Warbler was at Kewin Park Jan. 1 (KeH). The Bolinas Lagoon and the Princeton Inn Prairie Warblers continued to delight observers through the period (mob). Six Palm Warblers and four Black-and-white Warblers were noted in the region during the period (mob). The American Redstart lingered near Pescadero at least to Jan. 14 (JMa). A Western Tanager at Kewin Park in Modesto Dec. 24 (DGY) was reported late.

A Grasshopper Sparrow turned up on the Contra Costa CBC Jan. 2 at Mt. Diablo State Park (JmE, et al.). Winter records for this species in our area are very unusual. A Sharp-tailed Sparrow was near Bolinas Lagoon Jan. 17 (*fide* PP), and another was at Palo Alto Baylands Jan. 17-20 (PLN, et al.). Swamp Sparrows in marshy places were numerous this month (mob). Up to twenty were tallied in the Olema/Inverness area alone (RS), and other good spots for them were Bolinas Lagoon and Palo Alto Baylands. Coyote Hills and Modesto each added one Swamp Sparrow to the month's total (RJe, HMR). Eight additional White-throated Sparrows were found during the period in our area (mob). A Harris' Sparrow was at a private residence in Stockton Jan. 17-23 (LPa). One Lapland Longspur was seen at Hayward Regional Shoreline Park Jan. 16 (ToC).

A Yellow-headed Blackbird found Muir Beach Dec. 30 (LSi). A Great-tailed Grackle continued to be seen at

Aquatic Park in San Francisco Dec. 30-Jan. 18 (JSL, TCo). A male Orchard Oriole was discovered in Pacific Grove Jan. 24 (MJL). A Hooded Oriole visited a San Francisco residence Jan. 13 (ELe), and a Northern Oriole (Bullock's) visited another residence Jan. 5 (AF). Two Cassin's Finches were reported from Del Puerto Canyon Dec. 30 (HMR). Red Crossbills continued to be seen and widely reported from Marin to Santa Cruz Cos. (mob). A Lawrence's Goldfinch, very unusual in winter, was found in a flock of Lesser Goldfinch along Indian Joe Trail in Sunol Regional Park Jan. 25 (RJR).

Observers: John Ashford, Stephen Bailey, Barbara Baker, Joe Broyles (JBr), Theodore A. Chandik, Terry Colborn (TCo), Tom Condit (ToC), J. Mike Danzenbaker, Bruce E. Deuel, Jimm Edgar (JmE), Mark Elliott, Art Feinstein, George Finger (GFi), Shawneen E. Finnegan, Peg Frankel, Ed D. Greaves, Marguerite B. Gross, Kem L. Hainebach, Gary Hanauer (GHa), Ken Hart (KeH), Rob Hayden (RHa), Bob Hogan (BHo), David L. Holway, Alan S. Hopkins, Joel Hornstein, George Hugenberg (GHg), Richard Jeffers (RJe), Rena Kaufmann, Michael Larkin (MLa), Enid Leff (ELe), Bill Lenarz (BiL), Michael J. Lippsmeyer, John S. Luther, many observers (mob), John Mariani (JMa), Rod McDonald, Joseph Morlan, Scott Morrical, Dan P. Murphy, Paul L. Noble, John E. Parmeter, Larry Parmeter (LPa), John Poole (JPo), Lina J. Prairie, Kathy Purchase, Peter Pyle, Dave E. Quady, Harold M. Reeve, Dorothy Reinhart, Jean Richmond, Richard J. Richmond, Mary Louise Rosegay, Kevin Sea, Larry Silver (LSi), Jean Marie Spoelman, Rich Stallcup, David L. Suddjian, John Sutake (JSu), David Wimpfheimer, David G. Yee.

Please report observations to Northern California Rare Bird Alert: 528-0288 or 524-5592.

—HELEN GREEN

Observations Editor
2001 Yolo Ave.
Berkeley, CA 94707

CONSERVATION NOTES

LAKE MERRITT CRISIS

The waterbirds of Lake Merritt, prime educational resource and live attraction of the lake, suffered severe setbacks in these past months. Because the old, decaying log barrier protecting the refuge was not replaced in 1987 most of the migrant ducks felt insecure and went elsewhere. Boats cruised among the islands, disrupting feedings and lectures. An even more urgent crisis now confronts us—that of protecting the nesting on the Duck Islands. The same boom is ordinarily moved in around the island area for the spring-summer season.

The thriving Canada Goose colony last spring fledged upwards of sixty goslings to add to Eastbay populations. Forty-one Snowy Egret nests, thirty-three Great Egret and thirty-nine Night Herons animated the island scene from April to July (estimates are by naturalist Dick Kaufmann). This colony is part of the National Registry of Colonial Birds. The herons begin building and rebuilding nests by April first; intruders on the island could drive them away forever. The geese nest by March.

The Oakland Office of Parks and Recreation (OPR) applied for a \$20,000 grant in 1987 from a state environmental fund for a new plastic boom and improvements to the natural science center. GGAS voted \$1,000 toward a new boom. The Port of Oakland offered good logs, but these were rejected by

the Department of Public Works (DPW). At this date (Jan. 29) there have been assurances but no positive notification of the grant approval, which, if given, might not be available until next July. The DPW did budget for a boom in '88-'89 as part of a new Lake Merritt Master Plan but all Oakland budget items are subject to sudden cuts. However, some \$15,000 was easily found for a controversial testing of Aquazine herbicide on the northwest arm of the lake this spring.

New OPR Director Herby White and staffer Bill Patterson are considering several alternative means of protecting the Duck Islands, but if we do not have effective protection by April first at latest, we could lose forever a precious natural asset. The naturalist education program was arbitrarily reduced some fifty percent last spring by management fiat—not by budget constraints. How much more of its image can Oakland afford to lose?

—PAUL F. COVEL
Oakland naturalist emeritus

GGAS SAYS THANKS AND GOODBYE

Woody Kuehn, Director and Finance Committee Chairman, has resigned because he is relocating. His friends on the board as well as his birding friends will miss him. His place on the finance committee is being taken by Peter Watkins, director at large.

BACK YARD BIRDER

There are plenty of obscure words in our language, a fact supported by the popularity of word games. It's often difficult to work these "new" words into a conversation. Yet, it's fun to speculate

on meanings of unheard of words.

I ran across a gem recently: autolycism (aw-TOL-ih-sizm). Root derivations do no good unless you're familiar with Greek mythology. Autolycus was a Greek chap who was a hanger-on, a scrounger notorious for making use of others. This dubious trait is not only prominent among humans, but actually occurs among all animal groups including birds.

The word autolycism was coined by a British ornithologist, Colonel Richard Meinertzhagen. It refers to the uses that birds make of man as well as the practical uses birds make of other birds, mammals, reptiles and fishes. As Meinertzhagen said, "...the deeper one probes the more one realizes the dependence of almost every form of life on some other form of life."

Autolycism is similar to symbiosis (another great word). In the latter, two different species of animals live in a close association from which they both receive mutual benefit. True symbiosis might be the relationship of hummingbirds to the plants on which it feeds. The bird gathers nectar and insects from flowers and in the process picks up pollen which is carried from flower to flower. Or, a Barn Owl utilizes man's buildings for roosting and nesting; in return, the owl renders invaluable economic services to man by destroying large numbers of rodents harmful to farm crops.

Autolycism is more opportunistic than symbiosis as in the following types of bird behavior:

—Birds make use of snake skins, animal hair and man's manufactured materials for building nests.

—Sea birds and migrating birds make use of ships for food and transportation.

—Vultures and sea birds watch each other for clues to finding food.

—Many types of birds follow farmers'

cultivating fields, searching for grubs, worms and rodents, etc.

—Egrets, Cowbirds, etc., walk at the feet of cattle to catch insects.

—Some birds in Africa will use the backs of ostrich and antelopes as a perch from which to hunt, trees as perches being scarce in open country.

—Gulls often perch upon sea turtles' backs and phalaropes land on whales at sea to rest and preen.

—Hawks and owls have followed men's hunting parties to pick up wounded animals and birds.

—Man's autos have killed many an animal, providing food for various birds.

As you can see, autolycism, while it is opportunistic, is not the same as parasitism. This occurs when a plant or animal lives on, in or with some other living organism. The parasite lives at the host's expense, the parasite getting food, shelter or some advantage from the host. A classic case among birds is the Cowbird which lays its eggs in nests of other birds.

The behaviors listed above do occasionally result in mutual benefits, but, these are usually accidental.

Now, try to work autolycism into a conversation!

—MEG PAULETICH

HELPING AT ACR

Each year the Audubon chapters which help support our Audubon Canyon Ranch have the opportunity to volunteer as hosts to help greet and orient visitors coming to the Ranch on weekend days. Hosts are invaluable as extended staff to acquaint visitors with the ACR's special environment and to personalize their experience.

This year GGAS needs volunteers for each weekend day in June. GGAS' board would like to extend to the membership at large this unique oppor-

tunity to participate as a host. Please call the office soon (843-2222) to arrange your preferred date in June. Hosts usually have ample time to hike and bird as well as greet.

VINTAGE BIRDS II

George Peyton is planning a repeat of his successful combination—birding in the morning and wine-tasting in the afternoon. Bird songs will be emphasized on this trip, which will be at a Bay Area location. George promises another fine selection of wines from his wine cellar together with some special selected cheeses. Last November on Vintage Birds I the group spent three hours tasting wines and sampling the excellent potluck dishes they had contributed. Anyone interested should send a donation of \$17.50 payable to the Golden Gate Audubon Society to the GGAS office for a reservation. For more information call the office at 843-2222.

CORRECTIONS

On page 29 of *The GULL* for February the Consumnes Refuge phone number was garbled. It should be (916) 686-6982. In the same article instructions call for a left turn onto Franklin Blvd. when it should be a right turn, and again the nature trail would be on the left (east) side of Franklin Blvd.

MARVIN R. CALVERT

The untimely death of Marvin R. Calvert, co-owner with his wife, Ellen, of the Professional Press in Berkeley came to our attention as this issue was being put together. Marvin and Ellen have printed *The GULL* for many years. His cheerful helpfulness will be remembered by all his press served. She will carry on.

THE CHRISTMAS COUNT REPORT

OAKLAND—Dec. 20, 1987

Final totals for the Christmas Bird Count day were as follows: 148 observers in the field and 13 at feeders found 115,408 individuals of 173 species. Additional species seen during the count week were American White Pelican and Violet-green Swallow.

HELEN GREEN,
Compiler

SAN FRANCISCO—Dec. 28, 1987

The fifth San Francisco Christmas Bird Count had five observers at feeders and 77 more in the field who braved the almost constant rain to count 53,005 birds of 169 species. Like many of our previous counts, this one found so many vagrants that the list suggests fall migration more than a typical Christmas Count.

ALAN HOPKINS
DONNA LION
DAN MURPHY
Compilers

In the tables below bold face type suggests unexpected species or unusually high incidence.

SPECIES	OAKLAND S.F.	
Red-throated Loon	84	112
Pacific Loon	1	16
Common Loon	83	32
loon species	3	27
Pied-billed Grebe	228	106
Horned Grebe	199	56
Red-necked Grebe	0	1
Eared Grebe	19	14
<i>Podiceps</i> species	0	1
Western Grebe	752	522
Clark's Grebe	72	24
<i>Aechmophorus</i> species	156	155
Brown Pelican	57	266
Double-crested		
Cormorant	2169	330
Brandt's Cormorant	73	60
Pelagic Cormorant	16	12

cormorant species	0	2
American Bittern	0	1
Great Blue Heron	64	15
Great Egret	79	15
Snowy Egret	123	21
Cattle Egret	3	0
Green-backed Heron	3	9
Black-crowned		
Night-Heron	72	45
Greater White-fronted Goose	6	0
Snow Goose	5	0
Emperor Goose	1	0
Canada Goose	1698	171
Wood Duck	7	0
Green-winged Teal	115	8
Mallard	1287	919
Northern Pintail	426	12
Blue-winged Teal	2	0
Cinnamon Teal	13	0
Northern Shoveler	513	16
Gadwall	95	24
Erasian Wigeon	3	0
American Wigeon	1107	455
Canvasback	742	243
Redhead	93	0
Ring-necked Duck	217	36
Greater Scaup	11,677	1188
Lesser Scaup	3,043	341
scaup species	9,415	1,056
Oldsquaw	1	1
Black Scoter	0	26
Surf Scoter	4,992	1,688
White-winged Scoter	67	241
scoter species	0	257
Common Goldeneye	1,128	125
Barrow's Goldeneye	50	1
Bufflehead	1,158	283
Hooded Merganser	9	0
Common Merganser	15	0
Red-breasted Merganser	86	15
Ruddy Duck	2,611	640
duck species	126	0
Turkey Vulture	117	7
Osprey	3	0
Black-shouldered Kite	19	3
Northern Harrier	28	7
Sharp-shinned Hawk	26	11
Cooper's Hawk	12	4
<i>Accipiter</i> species	12	0
Red-shouldered Hawk	5	10
Red-tailed Hawk	96	55
Rough-legged Hawk	0	1
Golden Eagle	3	0
American Kestrel	58	57

SPECIES	OAKLAND	S.F.		
Merlin	1	3	Northern Saw-whet Owl	1 0
Peregrine Falcon	1	1	White-throated Swift	10 0
Ring-necked Pheasant	2	0	Anna's Hummingbird	547 282
California Quail	210	129	Belted Kingfisher	24 8
Clapper Rail	19	0	Acorn Woodpecker	5 0
Virginia Rail	0	6	Red-breasted Sapsucker	23 3
Sora	3	3	Nuttall's Woodpecker	49 0
Common Moorhen	1	0	Downy Woodpecker	28 31
American Coot	3,849	2,160	Hairy Woodpecker	7 0
Black-bellied Plover	2,915	270	Northern Flicker	433 110
Snowy Plover	0	23	Northern (Yellow-shafted) Flicker	0 2
Semipalmated Plover	195	4	Hammond's Flycatcher	1 0
Killdeer	440	493	Black Phoebe	77 59
Black Oystercatcher	0	7	Say's Phoebe	14 6
Black-necked Stilt	163	5	Tropical Kingbird	0 1
American Avocet	1,025	150	Horned Lark	0 38
Greater Yellowlegs	19	25	Tree Swallow	0 22
Willet	1,331	665	Violet-green Swallow	0 1
Wandering Tattler	0	1	Steller's Jay	382 1
Spotted Sandpiper	40	7	Scrub Jay	652 98
Whimbrel	8	13	American Crow	75 16
Long-billed Curlew	105	18	Common Raven	10 25
Marbled Godwit	1,586	378	Chestnut-backed Chickadee	993 185
Ruddy Turnstone	36	9	Plain Titmouse	126 0
Black Turnstone	59	57	Bushtit	1,456 367
Surfbird	0	1	Red-breasted Nuthatch	117 3
Red Knot	292	2	White-breasted Nuthatch	15 0
Sanderling	659	609	Pygmy Nuthatch	7 304
Western Sandpiper	2,729	580	Brown Creeper	52 29
Least Sandpiper	874	72	Rock Wren	5 2
Dunlin	3,236	705	Bewick's Wren	111 15
peep species	1,246	0	Winter Wren	13 26
Short-billed Dowitcher	389	4	Marsh Wren	3 27
Long-billed Dowitcher	592	5	Golden-crowned Kinglet	59 40
dowitcher species	809	340	Ruby-crowned Kinglet	570 194
common Snipe	31	8	Western Bluebird	95 0
Bonaparte's Gull	383	25	Hermit Thrush	191 124
Heermann's Gull	1	18	American Robin	5,469 1,020
Mew Gull	1,081	3,898	Varied Thrush	284 54
Ring-billed Gull	2,164	485	Wrentit	263 63
California Gull	1,401	1,624	Northern Mockingbird	78 12
Herring Gull	41	51	California Thrasher	36 5
Herring x Glaucous-winged Gull	0 1		Water Pipit	333 40
Thayers Gull	0	22	Cedar Waxwing	935 67
Western Gull	937	3,344	Loggerhead Shrike	23 10
Western x Glaucous-winged G.	7	27	European Starling	5,571 3,923
Glaucous-winged Gull	374	1140	Hutton's Vireo	59 12
gull species	2,199	4706	Orange-crowned Warbler	0 13
Forster's Tern	102	28	Nashville Warbler	1 3
Common Murre	0	5	Yellow Warbler	0 8
Rock Dove	1,660	1,989	Yellow-rumped (Myrtle) Warbler	85 35
Band-tailed Pigeon	896	50	Yellow-rumped (Audubon's) warbler	313 617
Mourning Dove	1,622	570		
Common Barn-Owl	3	0		
Western Screech-Owl	8	0		
Great Horned Owl	40	6		
Burrowing Owl	8 1			
Short-eared Owl	2	0		

SPECIES	OAKLAND	S.F.
Yellow-rumped Warbler (?)	1,040	1,474
Black-throated Gray Warbler	0	1
Townsend's Warbler	76	87
Black-and-white Warbler	0	1
American Redstart	0	1
Common Yellowthroat	23	45
Wilson's Warbler	0	1
Rufous-sided Towhee	236	11
Brown Towhee	846	120
Rufous-crowned Sparrow	31	1
Lark Sparrow	17	0
Savannah Sparrow	125	19
Fox Sparrow	169	132
Song Sparrow	340	186
Lincoln's Sparrow	7	12
Swamp Sparrow	0	2
White-throated Sparrow	7	4
Golden-crowned Sparrow	1,326	373
White-crowned Sparrow	1,451	1,144
sparrow species	47	0
Dark-eyed (Slate-c) Junco	6	1
Dark-eyed (Oregon) Junco	2,158	735
Dark-eyed Junco (form)	0	83
Red-winged Blackbird	895	227
Tricolored Blackbird	53	650
Western Meadowlark	431	285
Yellow-headed Blackbird	0	1
Brewer's Blackbird	1,032	2,546
Great-tailed Grackle	0	2
Brown-headed Cowbird	8	107
blackbird species	11	50
Northern (Bullock's) Oriole	0	1
Purple Finch	102	30
House Finch	1,698	909
Red Crossbill	15	387
Pine Siskin	1305	696
Lesser Goldfinch	320	44
American Goldfinch	366	13
House Sparrow	529	237

1988 ASILOMAR AUDUBON MEETING

March 26-29, Saturday afternoon through Tuesday noon, the 1988 Western Regional Conference of the

Audubon Society will be held at the Asilomar Conference Center in Pacific Grove. As always, at Asilomar, accommodations are on the American plan, and include three meals per day. In addition to the beauty of the setting, where for almost 40 years we have gathered every second year, one will find Audubon people from the Western Region, Alaska and the Rocky Mountains. It is a chance to see old friends and make new ones. There are programs for children and young people, so bring the whole family. For a registration form phone (916) 481-5332 or write Audubon Conference, 555 Audubon Place, Sacramento, CA 95825.

LETTER

I thought the Audubon Society had to do with birds. One or more busy-bodies are using its resources (*The GULL*) to espouse misc. inappropriate causes that they obviously think are important. If GGAS becomes just another vehicle for society's complaints you can count me out.

Stick to the bird business!

Wm. H. OUTTEN

San Francisco

(Attached to this letter was the February Conservation Notes article, page 25, on the initiative campaign of the Coalition for a Healthy California. The letter has been referred to the Conservation Committee.)

A CONCERT OF NATURE SOUNDS AND MUSIC

The Nature Sounds Society and the California Library of Natural Sounds will offer an innovative concert Saturday, April 9 at 1 p.m. at the Oakland Museum's James Moore Theatre. Admission is \$5.00. Arranged by Wendy Reid, the program will include a Charles Amirkhanian's Walking Tune, Jerome Neff's pastoral Piece with Frogs, Sea Dance created by Bernie

Krause and Wendy Reid's Tree Piece No. 34.

Proceeds benefit the sponsoring organizations.

MONO LAKE

FINE WINE CELLAR DRAWING

The Mono Lake Committee is pleased to announce its third Annual Mono Lake Fine Wine Cellar Drawing. Once again you have a chance to win one of two \$1,000 Fine Wine Cellars, including a choice selection of outstanding wines. The drawing's appeal lies not only in its quality but also in the excellent chances of winning. Only 500 tickets are sold, so your odds are 1 in 250.

The drawing will be Friday, April 22 in San Francisco. For tickets or information write to Robannie Davis, 4232 Woodland Drive, Concord, CA 94521, or phone 689-5842.

TOURS TO BHUTAN OR ANTARCTICA

For information on either of these fund-raising trips, see *The GULL* for January and send a self-addressed, stamped business sized envelope to "Bhutan" or "Antarctica", in care of M. Bennett, 2719 Marin, Berkeley, CA 94708. The all-expense trip fees are \$3,055 for 23 days on tour and trek in Bhutan and Bankok and \$5,000 and up for the 15-day Antarctica cruise. Airfare is additional. Approximately 10% of the trip fees are tax-deductible donation to help save Mono Lake.

MORLAN'S SPRING CLASSES

Evening bird classes again will be offered by the San Francisco Community College District. Fees are \$40 per class. Classes run from March 15, 16 and 17 through May 3, 4 and 5. Pre-registration is highly recommended. For information, call the Community Services Office at 776-8247.

All classes will be held in room 222, Marina Middle School at the corner of Bay and Filmore Sts. Free parking is available in the school lot off Bay St. on the east side of the building.

Each class stresses identification, status and habits of North American birds in two-and-a-half hour weekly slide lectures.

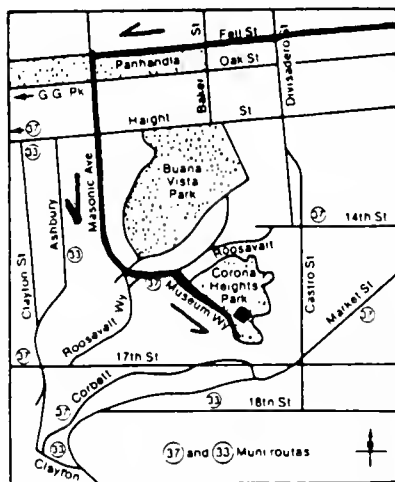
Ornithology I is an introduction to avian biology. it stresses concepts in modern ornithology including systematics, evolution, behavior and population ecology illustrated by examples from North American bird families, especially common California birds. It meets Tuesdays starting March 15 from 7-9:30 p.m.

Ornithology II is an in-depth systematic study of identification and status of waterbirds including waterfowl. It meets Wednesdays starting March 16 from 7-9:30 p.m.

Ornithology III will cover landbirds including gamebirds, owls, swifts and hummingbirds. It meets Thursdays starting March 17 from 7-9:30 p.m.

SAN FRANCISCO MEETING SITE

The Josephine D. Randall Junior Museum is presently the regular meeting place in San Francisco. The map is reproduced for convenience in finding it at Museum Way.



MONO LAKE AND GGAS LOSE A FRIEND

Along the edge of Mono Lake, at South Tufa, a large crowd gathered January 23 to pay special tribute to David Gaines, primary founder of the Mono Lake Committee, and Don Oberlin, an intern for the Committee. It was a beautiful day in the Basin: bright blue sky, the sun shining off of the snow-covered Sierra, and the lake. . . Most of David's earliest allies in the fight to save Mono Lake were there. His family and friends, a few politicians and even some officials from Los Angeles came to honor his memory. It is hard to think he was not there at that gathering, for you cannot separate David Gaines from that incredible body of water.

Both David and Don had been killed on January 11. They were returning from Bishop to Lee Vining, with Sally Gaines and the two Gaines' children in the car, when the fatal head-on collision occurred. Vireo Gaines was seriously injured, and at this writing is still in the hospital slowly recovering.

Ten years ago David and other biologists organized the Committee to try to save what remained of Mono Lake. This large saline lake, located on the eastern side of the Sierra, was dying because most of its fresh water inflow was being diverted to metropolitan Los Angeles. During the decade he took the cause before the state legislature, Congress, and the courts, speaking and writing eloquently in each forum. More recently, the City of Los Angeles Department of Water and Power and the Mono Lake Committee had agreed to engage the Environmental Defense Fund to find replacement water for the diversions. Success in this quest would be a most fitting tribute. At the memorial service a resolution, signed

by 63 members of the California Legislature commending Gaines for his work, was presented to his family by an aide from Senator Garamendi's office.

David had many interests that went beyond Mono Lake. He was an excellent musician. He was involved in Earth First!, and he and his wife Sally, as well as Don Oberlin, were active in the Peace Movement.

GGAS field trips, in recent years, were joined by David Gaines at 8 a.m. in the parking lot at Mono County Park. He usually said he came just to "bird." But he was a naturalist, in the finest sense of the word, and he always managed to share his special knowledge of and love for the Mono Basin. We will miss his company. As birders we are fortunate that David finished his revision of *Birds of the Yosemite Sierra* just before his death.

For many of us who have worked to save Mono Lake the resolve to complete what David Gaines has started has only intensified. We can never replace his presence and his eloquence. We can only Save Mono Lake.

Sally Gaines has requested that those wishing to make donations in memory of David contribute to the Mono Lake Committee or the Mono Lake Foundation for the purchase of the visitor center in Lee Vining.

HELEN GREEN

NEW AT THE BOOKNEST

(at Richardson Bay Audubon Preserve)

HAWKS IN FLIGHT: A guide to the Identification of Migrant Raptors. Peter Dunne, David Sibley and Clay Sutton. \$17.95. Hawks are notoriously difficult to identify using the traditional field mark method, since plumage details and body size are hard to determine for birds flying at great distances. *Hawks in Flight* shows how to recognize hawks

by their general body shape, the way they move, and the places they are most likely to be seen. Pete Dunne's clear text brings to life each species' distinctive behavior, flight and migration patterns, and relationship to the environment, and David Sibley's drawings capture the visual essence of each hawk. *Hawks* covers the 23 species of diurnal raptors most likely to be seen over North America.

COOPER'S CHANGES

The sudden resignation of the Northern California chapter of the Cooper's Ornithological Society's president in December caused the remaining officers and the membership to take a good look at the future of the chapter. The most serious problem has been declining attendance at the Cooper talks held each month, October through May. A second problem is the difficulty in obtaining speakers. The third problem is the increasing difficulty of obtaining a meeting room and use of a projector at the University of California, where the group has met for many years. These problems are related in that small audiences make it difficult to recruit speakers; the retirement of Frank Pitelka and declining numbers of Berkeley graduate students working on ornithological research has cost us one audience base, a speaker base, and the

university connections we need to easily obtain resources.

Vice President, Lynne Stenzel, has agreed to take over for remainder of this year. The meetings will be co-sponsored by Northern Chapter Cooper Ornithological Society (COS) and National Audubon Society's Richardson Bay Sanctuary and will be held at the Sanctuary, 376 Greenwood Beach Rd., Mill Valley. There will be two 3-talk series per year: a fall series, September to November and a spring series, March to May. Meeting dates will be the **third**, rather than the first, **Monday** of the month (except for the very first one which conflicts with the National COS meetings to be held at Asilomar this spring March 17-21. That first meeting will be held on **Tuesday, March 22**).

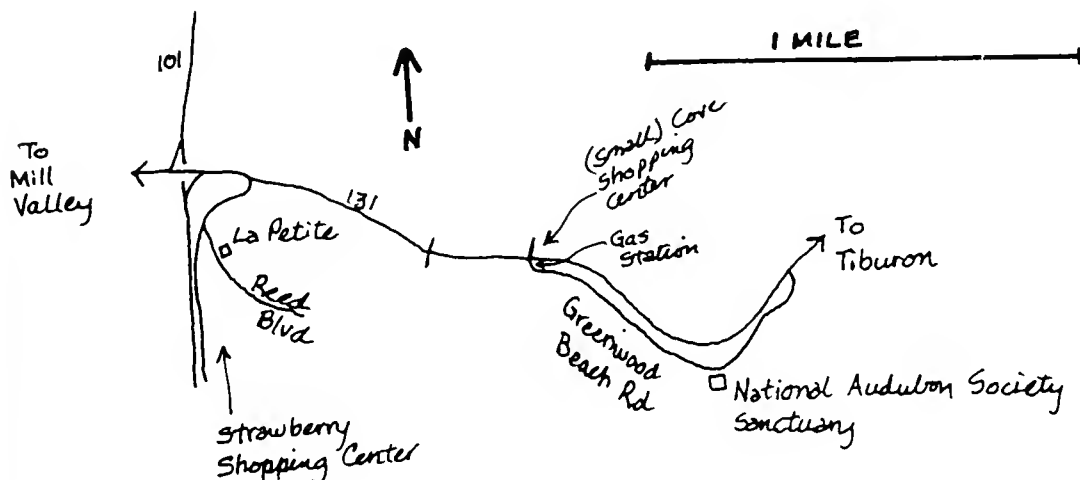
The schedule for this spring is as follows:

March 22 (Tuesday): John Harris from Mills College, "Ecology and status of the Willow Flycatcher in California."

April 18 (Monday): Steve Laymon, Spotted Owl research in the Sierra.

May 16 (Monday): tentatively, Geoff Geupel from PRBO, all about a fascinating endemic, the Wrentit.

Dinner with the speakers before the meetings will be at 6:30 p.m. at La Petite, 33 Reed Blvd., Mill Valley. Refer to map.



NEWS FROM THE RANCH

Audubon Canyon Ranch

Shoreline Highway, Stinson Beach (415) 868-9244
Wildlife Sanctuaries & Centers for Nature Education
Under Joint Sponsorship of Golden Gate, Madrone,
Marin and Sequoia Audubon Societies
Rick Baird, Chairman

The Bolinas Preserve opens for another nesting season the second weekend of this month and will remain open to the public on weekends and holidays until mid-July. Why not plan a series of visits to the ranch this year. See the early spring wildflowers and the courting displays in the heronry. Come back later to see eggs and just hatched fuzzy chicks from the overlook and visit the rehabilitated ponds to check on newts and dragonflies. Finish off with a summer picnic and a view of young birds building up their muscles and their confidence to fly.

Last year was the best one ever for heron reproduction according to Helen Pratt, who has been tracking this information for the past ten years or more. Eighteen pairs of herons raised 45 young or 2.5 per breeding pair. One hundred and thirteen pairs of egrets raised 1.65 chicks each, making last year the third best for this species at ACR since records have been kept.

Ranch Manager, Skip Schwartz, reported Great blues started arriving right on time at the ranch in late January. By now nests should be made and eggs laid, so plan your first visit soon.

When you come you might want to check out one of the new family backpacks stocked with field guides, hand lenses, thermometers and poisonous plant identification cards. It will help you learn more about the ranch through discovery. Ask at the sign-in desk about borrowing a backpack.

If you're going to Marine World look for the new exhibit sponsored by ACR in the Shedd Aquarium to be officially opened March 26 during Wildlife Week. Done in conjunction with the Oceanic Society, the Marine Mammal Center, the Nature Conservancy, PRBO and Marine World. It examines the biological diversity of the California coast and its food chains, earth's water cycle and how we use water.

A DATE TO REMEMBER

Saturday, May 21 at 10:00 a.m. Dr. Kevin Padian, assistant professor of paleontology at University of California, Berkeley, will speak on evolution in Volunteer Canyon, Bolinas Preserve. This will be of special interest to teachers and environmentalists. There is no fee and reservations are not required.

Thanks to Chevron USA for a generous donation to ACR, which will support the monitoring of the ranch's freshwater marsh restoration in the Tomales Bay area.

The last Community Hikes at the Bouverie Preserve this spring are scheduled for March 12 and 26, April 9 and 23 and May 7 and 21 from 9:30 a.m. to 1:30 p.m. Reservations are required. Space is limited, so call early (707) 938-4554.

THANK YOU

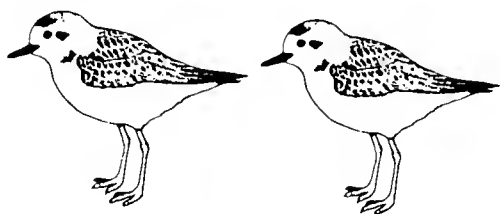
Thanks to the outstanding contribution by a small band of intrepid office volunteers, the GGAS office was successfully up and running even though Barbara was galavanting off in the wilds of Central America. Our sincere appreciation to Frances Stradling, Mary Swift, Minnie Groshong, Helen Green and Don Sanford for their efforts in fielding all the questions and handling the details.

DONATIONS FOR THE RAFFLE

This year the annual meeting in May will be different, and you will be hearing more about that very soon. A part of it will be a grand raffle, the centerpiece of which will be the Wetlands Quilt being readied by Helen Green and friends. Prizes of other sorts are needed. Anything can be donated, from a case of wine to a hand-knit sweater to a dinner for two at a restaurant to a service you or your business are willing to provide. For a successful fundraiser to benefit GGAS efforts in local wetlands litigation, we solicit your help. If you have a business, why not contribute your product or service? If you have a skill, why not raffle it off? For example, expert birders could donate their expertise for a personal field trip. All for a good cause. Please call Barbara Rivenes at 843-2222.

PRBO SHOREBIRD CENSUS NEEDS VOLUNTEERS

On the third weekend in April, Point Reyes Bird Observatory will hold its first census of shorebirds using the Bay's tidal flats. This census is designed for volunteer participation. Experienced observers can conduct counts of specific sites and novices can assist the counters. It is timed to coincide with the peak of shorebird spring migration and should be a spectacular event. Coordinators are Dave Shuford and Lynne Stenzel. Call either for more information at 868-1221.



GIFTS and BEQUESTS

FOR GGAS DISTRIBUTION CENTER CASE

Gift of

Richard Gale
Albert & Wilma Ghiorso
Ruth & Jim Gravanis
Judy Signorelli
Peter La Tournette

FOR MONO LAKE

George Peyton

The Society welcomes gifts in general or gifts in honor of or in memory of relatives and friends. Such gifts will be used as specified by the donor or, if unspecified, at the discretion of the GGAS Board of Directors. This includes their use for general GGAS activities or for special programs of the Society including Audubon Canyon Ranch of which GGAS is a sponsor. Please send your gift in the form of a check made out to Golden Gate Audubon Society, 1550 Shattuck Ave., #204, Berkeley, CA 94709. All gifts are tax deductible. The Society is also appreciative of any bequests. Such bequests should specify as recipient the Golden Gate Audubon Society, Inc. All gifts, donations and bequests will be acknowledged in *The Gull* as well as personally on behalf of the Society by the Secretary.

MARCH 26 SPRING SEED SALE

Last chance to restock your bird seed until the fall. Along with our usual array of fine bird seed mixes, we will offer a selection of bird feeders. We are fortunate to offer seed at the 1987 prices with only a slight increase in the cost of thistle seed.

These seed sales are the major fundraiser for the chapter and we appreciate your continued participation in this activity. AND volunteers are desperately needed both in San Francisco and Berkeley.

Extra seed will be available for those not prepaid. However, to guarantee obtaining the type of seed you desire, it is best to preorder. For our **Berkeley** sale we have the same large site at **812 Page St.** (Trout Plumbing Co. (two blocks north of Cedar St. between Fifth and Sixth Sts.—hours **9 a.m. to 4 p.m.** In **San Francisco** the sale site is **657A South Van Ness** between 17th and 18th Sts.—hours **10 a.m. to 2 p.m.**

ORDERING INSTRUCTIONS

Please order and prepay by March

18. Orders will be available for pick-up in Berkeley and San Francisco. Confirmation of your order and pick-up point will be sent to you the week before the sale. Asilomar conference participants can still pick up their seed early in the day on March 26 before leaving for Pacific Grove.

Send the order form (with tax calculated, please), your check and a self-addressed, stamped envelope to: Golden Gate Audubon Society, **BIRD SEED**, 1550 Shattuck Ave., #204, Berkeley, CA, 94709.

TILDEN PARK PLAN MEETING

GGAS' activist Marion Craig reports that the *Tilden Park Land Use Development Plan* will be reviewed at a public hearing on Thursday, March 24 at 7:30 p.m. at the Martin Luther King, Jr. School in Berkeley. Special parking will be available. She urges interested members to be present. A copy of the materials will be in the GGAS office for review. People wanting more information are invited to call Mrs. Craig at 845-5036.

GGAS' OWN PREMIUM MIX: Top quality specially blended for us to meet the needs of Bay Area birds. It contains only red and white millet and black oil sunflower seed. This mix sold in the area and an excellent value for the money. No waste seed.

VOLKMAN WILD BIRD SEED: The "Rolls-Royce" of bird seed, contains no low-cost fillers the birds will flick aside. Composed of white and red millet and sudan grass screenings (a favorite of Bay Area Birds).

BLACK OIL SUNFLOWER SEED: It is high in oil content and nutritive value and appeals to chickadees and nuthatches, titmice, jays, finches and many other bird species. This is the best all-around seed for attracting the largest number of desirable birds.

NIGER (THISTLE SEED): Imported from India, this seed is 98% pure. It is a minute seed rich in oil, and is unappealing to larger birds and squirrels. It will not sprout in your yard. Needs a thistle seed feeder.

GGAS BIRD SEED AND FEEDER SALE

ORDER AND PREPAY BY MARCH 18 / PICK UP ON SATURDAY, MARCH 26
BIRD FEEDERS

DROLL YANKEE FEEDER—Top of the line—16" long plexiglas tube with perches and tray \$25.00

DROLL YANKEE HUMMINGBIRD FEEDER—sturdy plastic saucer shape with 3 feeding openings \$10.00

PERKY-PET HUMMINGBIRD FEEDER—glass feeding bottle (holds 30 oz.) with six flower feeding stations and removeable perches \$14.00

THISTLE SOCK—most inexpensive thistle feeder. Made of fine mesh heavy duty nylon, 11" long. \$3.00

Name _____

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Telephone (day) _____ (evening) _____

☐ Berkeley ☐ San Francisco

SEED			QUANTITY	AMOUNT
GGAS' OWN PREMIUM MIX	20 lbs.	\$ 7.00		
	50 lbs.	\$14.00		
VOLKMAN WILD BIRD SEED	20lbs.	\$ 9.00		
	50 lbs.	\$19.00		
BLACK OIL SUNFLOWER SEED	10 lbs.	\$ 9.00		
	25 lbs.	\$21.00		
NIGER (THISTLE SEED)	5lbs.	\$ 9.50		

FEEDERS

DROLL YANKEE 16"	\$25.00		
DROLL YANKEE Hummingbird feeder	\$10.00		
PERKY-PET Hummingbird feeder	\$14.00		
THISTLE SOCK	\$ 3.00		

Be sure to include
your check with a
stamped and self-
addressed envelope.

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NORTHERN CALIFORNIA RARE BIRD ALERT (recorded) (415) 528-0288

Mail for all individuals listed above should be sent to GGAS office.

Send address changes to office promptly; Post office does not forward *THE GULL*. Monthly meetings: second Thursday, 7:30 p.m. Joint membership — local and national \$30 per year (individual); \$38 (family); includes *AUDUBON* Magazine and *THE GULL*; to join, make checks payable to National Audubon Society and send to GGAS office to avoid delay in receiving *THE GULL*. Membership renewals should be sent directly to the National Audubon office. Subscriptions to *THE GULL* separately \$8 per year; single issues \$1. High school and college student membership \$18 per year. Senior citizen individual \$21, senior citizen family \$23. Associate Membership in Golden Gate Audubon Society, \$10 per year.

The Golden Gate Audubon Society, Inc. was established January 25, 1917,
and became a chapter of National Audubon in 1948.

The *Gull* deadline is the first of the month for the following month, and July 15th for September issue.